

		TEST REPOR	<u>T</u>
Report No.	GR:HL:145200	)859	ISSUE DATE: 27 <sup>th</sup> May, 2023
-			
<b>BHAGWATI TIRATH</b>		NDUSTRIES PVT. LTD.	
333, PRAGATI INDUS	STRIAL ESTATE, DEL	ISLE ROAD	
N.M.JOSHI MARG, LO	OWER PAREL, MUMA	BI- 400011	
	MR.VIJAY SAWANT		
			FIED BY/ON BEHALF OF THE CUSTOMER AS :
SAMPLE DESCRIPT			CTANGULAR CONTAINER WITH CLEAR LID & CLEAR
PRODUCT CODE			150, BT-200, BT-225, BT-250, BT-300, BT-450, BT-500, BT-
	,	;;	1100, BT-1250, BT-1500, BT-2000, BT-2500, RO-10, RO-12, 12, RE -16, RE -24, RE -28, RE -32, RE -232, RE -38, RE -58,
		, KO-24, KO-32, KO-40, KE- 3-24, 8311,8377,8399	12, RE - 10, RE -24, RE -20, RE -32, RE -232, RE -30, RE -30,
COUNTRY OF ORIG	,	-24,0011,0077,0000	
COUNTRY OF DEST			
CONDITION OF SAM	IPLE COMF	LETE AND OK	
THE LOCATION OF	PERFORMANCE OF	THE LABORATORY ACTIVI	<b>FIES</b> : SGS GURUGRAM LABORATORY
LAB PROVIDED DET			
SAMPLE RECD ON	12/05/	2023	
TEST PERFORMING		2023 TO 27/05/2023	

## SUMMARY OF TEST RESULTS:

TEST REQUESTED	CONCLUSION
TESTING AS PER COMMISSION REGULATION (EU) NO 10/2011	
1. OVERALL MIGRATION	PASS
2. SPECIFIC MIGRATION OF HEAVY METALS	PASS

TEST(S) RESULT & METHOD: PLEASE REFER TO NEXT PAGE(S). RESULTS APPLY TO THE SAMPLE AS RECEIVED

# Per Pro SGS India Private Ltd

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Authorised Signatory Prabhat Ranjan Jena (Manager-RSL) Email your Test Report Related Enquiries at <u>Feedback.HLT@sgs.com</u>

JOE No. :2352800343 400034142 Page 1 of 8 Control No.: 1452500894 This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms\_and\_ conditions.htm and Terms and Conditions for electronic documents www.sgs.com/terms\_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are

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# ISSUE DATE: 27th May, 2023

# Report No.

# GR:HL:1452000859

# **TEST RESULTS :**

# 1. TESTING AS PER COMMISSION REGULATION (EU) No 10/2011:

## a) OVERALL MIGRATION:

Method: With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods. (1st Migration);

# EN 1186-3:2022,test method for overall migration in evaporable simulant.

Simulant Used	Test Condition	Result (mg/dm²)	Reporting Limit (mg/dm²)	Permissible Limit (mg/dm <sup>2)</sup>
3% Acetic acid	100°C for 01 Hours	Not Detected	2.0	10
10% Ethanol	100°C for 01 Hours	Not Detected	2.0	10
95% Ethanol	60°C for 04 Hours	Not Detected	2.0	10
Isooctane	60°C for 02 Hours	Not Detected	2.0	10
Conclusion		Pass		

Tested Item: Black Round Container With Clear Lid

EN 1186-9:2002 aqueous food simulants by Article filling method;

Simulant Used	Test Condition	Result (mg/dm²)	Reporting Limit (mg/dm <sup>2</sup> )	Permissible Limit (mg/dm <sup>2)</sup>
3% Acetic acid	100°C for 01 Hours	2.5	2.0	10
10% Ethanol	100°C for 01 Hours	Not Detected	2.0	10
95% Ethanol	60°C for 04 Hours	Not Detected	2.0	10
Isooctane	60°C for 02 Hours	Not Detected	2.0	10
Conclusion		Pass		

Tested Item: Clear Round Container With Clear Lid

#### Note :-

- 1. mg/dm<sup>2</sup> = milligram per square decimeter.
- 2. °C = degree Celsius.

3. Permissible Limit is according to Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.

- 4. Analytical tolerance of aqueous simulants is 2mg/dm<sup>2</sup> or 12mg/kg.
- 5. Test condition & simulant were specified by client.

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# ISSUE DATE: 27th May, 2023

# Report No.

Method:

# 2.SPECIFIC MIGRATION OF HEAVY METALS:-

With reference to EN 13130-1:2004. Analysis was performed by ICP-MS.

Simulant Used: 3% Acetic acid (w/v)

Test Condition: 100°C for 30 Min followed by 70°C for 2 Hours (1st Migration)

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Test Item	Result	Reporting Limit	Permissible Limit
	(mg/kg)	(mg/kg)	(mg/kg)
Specific Migration of Aluminium	Not Detected	0.1	1
Specific Migration of Antimony	Not Detected	0.01	0.04
Specific Migration of Arsenic	Not Detected	0.01	0.01
Specific Migration of Barium	Not Detected	0.25	1
Specific Migration of Cadmium	Not Detected	0.002	0.002
Specific Migration of Chromium	Not Detected	0.01	0.01
Specific Migration of Cobalt	Not Detected	0.01	0.05
Specific Migration of Copper	Not Detected	0.25	5
Specific Migration of Iron	Not Detected	0.25	48
Specific Migration of Lead	Not Detected	0.01	0.01
Specific Migration of Lithium	Not Detected	0.5	0.6
Specific Migration of Manganese	Not Detected	0.25	0.6
Specific Migration of Mercury	Not Detected	0.01	0.01
Specific Migration of Nickel	Not Detected	0.01	0.02
Specific Migration of Zinc	Not Detected	0.5	5
Specific Migration of Europium	Not Detected	0.01	
Specific Migration of Gadolinium	Not Detected	0.01	0.05
Specific Migration of Lanthanum	Not Detected	0.01	0.05
Specific Migration of Terbium	Not Detected	0.01	
Conclusion	Pass		

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Specific Migration of Calcium	Not Detected	1	/
Specific Migration of Magnesium	Not Detected	1	/
Specific Migration of Potassium	Not Detected	1	/
Specific Migration of Sodium	Not Detected	1	/

Tested Item: Black Round Container With Clear Lid

#### Note :-

1. mg/kg= milligram per kilogram of foodstuff in contact with

2. °C = degree Celsius

3. Permissible Limit is according to Commission Regulation (EU) No 10/2011 of 14 January 2011 and amendment EU 2020/1245 of January 11, 2021.

4. Test condition simulant&test elements were specified by customer.

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Method:

# 2.SPECIFIC MIGRATION OF HEAVY METALS:-

With reference to EN 13130-1:2004. Analysis was performed by ICP-MS.

Simulant Used: 3% Acetic acid (w/v)

Test Condition: 100°C for 30 Min followed by 70°C for 2 Hours (1st Migration)

GR:HL:1452000859

Test Item	Result	Reporting Limit	Permissible Limit
	(mg/kg)	(mg/kg)	(mg/kg)
Specific Migration of Aluminium	Not Detected	0.1	1
Specific Migration of Antimony	Not Detected	0.01	0.04
Specific Migration of Arsenic	Not Detected	0.01	0.01
Specific Migration of Barium	Not Detected	0.25	1
Specific Migration of Cadmium	Not Detected	0.002	0.002
Specific Migration of Chromium	Not Detected	0.01	0.01
Specific Migration of Cobalt	Not Detected	0.01	0.05
Specific Migration of Copper	Not Detected	0.25	5
Specific Migration of Iron	Not Detected	0.25	48
Specific Migration of Lead	Not Detected	0.01	0.01
Specific Migration of Lithium	Not Detected	0.5	0.6
Specific Migration of Manganese	Not Detected	0.25	0.6
Specific Migration of Mercury	Not Detected	0.01	0.01
Specific Migration of Nickel	Not Detected	0.01	0.02
Specific Migration of Zinc	Not Detected	0.5	5
Specific Migration of Europium	Not Detected	0.01	
Specific Migration of Gadolinium	Not Detected	0.01	0.05
Specific Migration of Lanthanum	Not Detected	0.01	0.05
Specific Migration of Terbium	Not Detected	0.01	
Conclusion	Pass		

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Specific Migration of Calcium	Not Detected	1	/
Specific Migration of Magnesium	Not Detected	1	/
Specific Migration of Potassium	Not Detected	1	/
Specific Migration of Sodium	Not Detected	1	/

#### Tested Item: Clear Round Container with clear lid

#### Note :-

- 1. mg/kg= milligram per kilogram of foodstuff in contact with
- 2. °C = degree Celsius
- 3. Permissible Limit is according to Commission Regulation (EU) No 10/2011 of 14 January 2011 and amendment EU 2020/1245 of January 11, 2021.
- 4. Test condition simulant&test elements were specified by customer.
- 5. Above all testing has been performed as per customer request.

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